



United States Air Force

Scientific Advisory Board

Dr. Alison Brown

NAVSYS Corporation



EDUCATION:

University of California, Los Angeles
Ph.D., Engineering, 1985
Massachusetts Institute of Technology
MSc, Aeronautics & Astronautics, 1981
Cambridge University, England
M.A., Engineering, 1985
B.A., Engineering, 1979

WORK EXPERIENCE:

NAVSYS Corporation, Colorado Springs, CO
President & CEO, 1986-Present
Litton Aero Products, Moorpark, CA
GPS Systems Engineer, 1984-1986
Litton Guidance and Control, Woodland Park, CA
Navigation Systems Engineer, 1981-1984
Charles Stark Draper Laboratory, Cambridge, MA
Draper Fellow, 1981

AREAS OF EXPERTISE:

Global Positioning System (GPS) system design, GPS receiver design, GPS anti-jam technology, GPS/inertial integration, GPS augmentation systems and pseudolites, differential and kinematic GPS positioning, satellite and digital communication system design, cellular location and tracking systems, satellite orbit determination and attitude estimation, kalman filtering, optimal estimation and signal processing techniques

PROFESSIONAL/SCIENTIFIC/HONORARY AFFILIATIONS:

Member of AIAA, ION, IEEE
